

(No Model.)

H. P. ROBERTS.
EDGE IRON AND HANDLE

No. 249,096.

Patented Nov. 1, 1881.

Fig. 1.

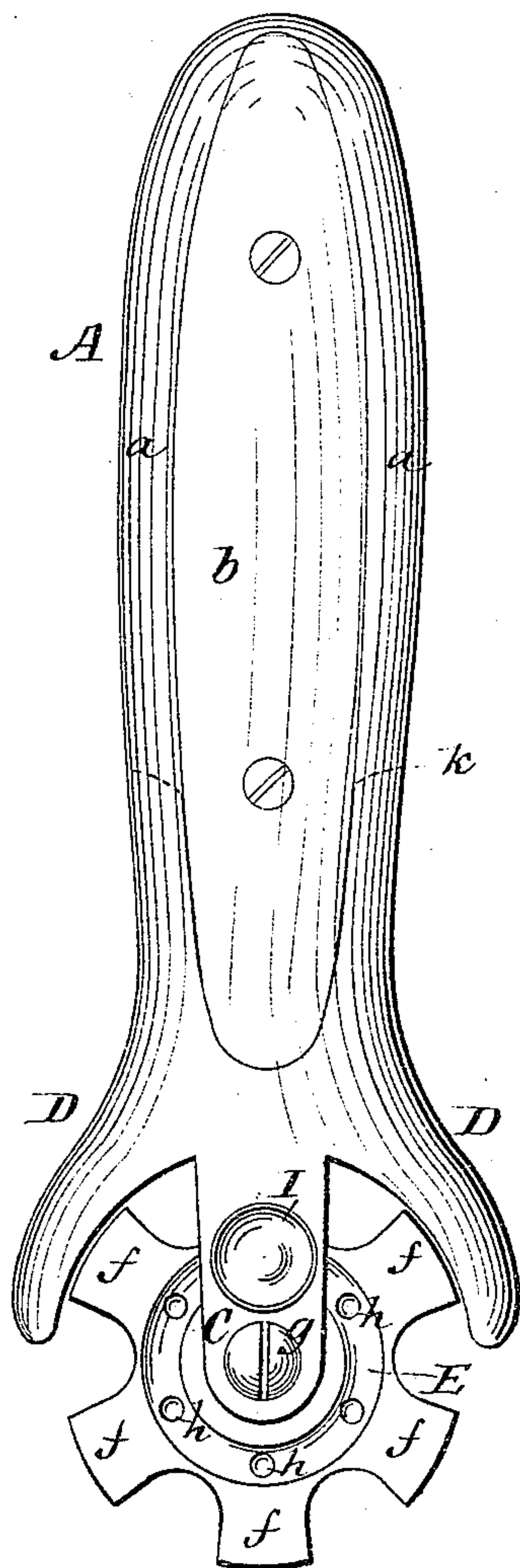


Fig. 2.

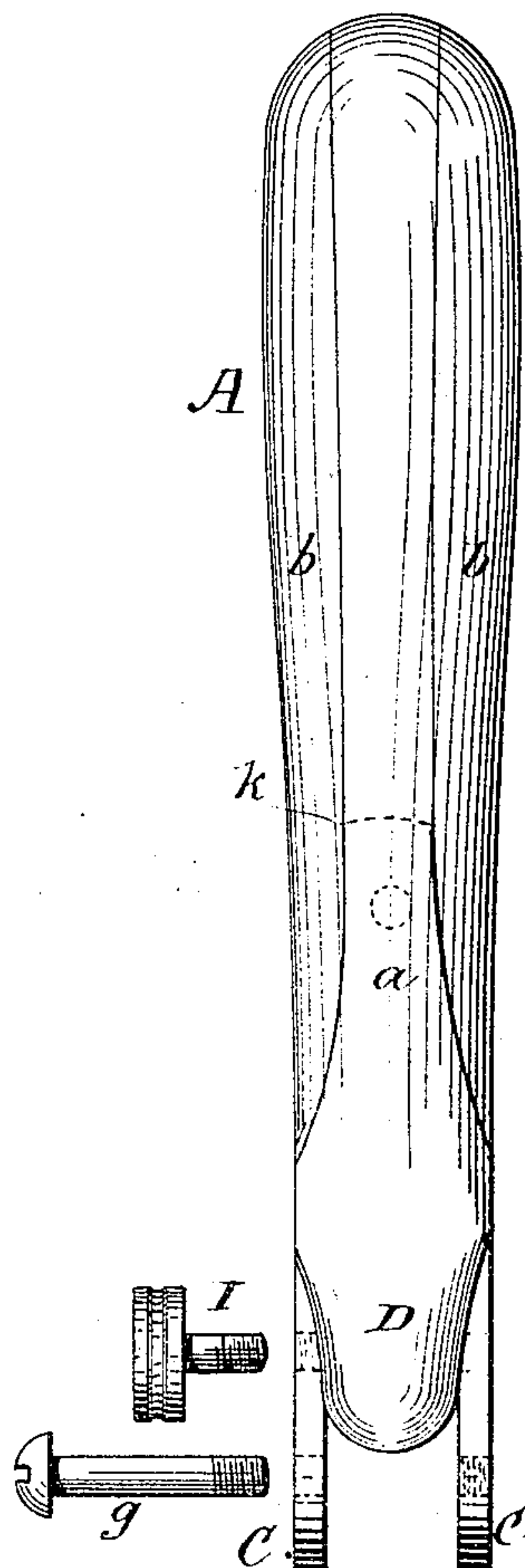
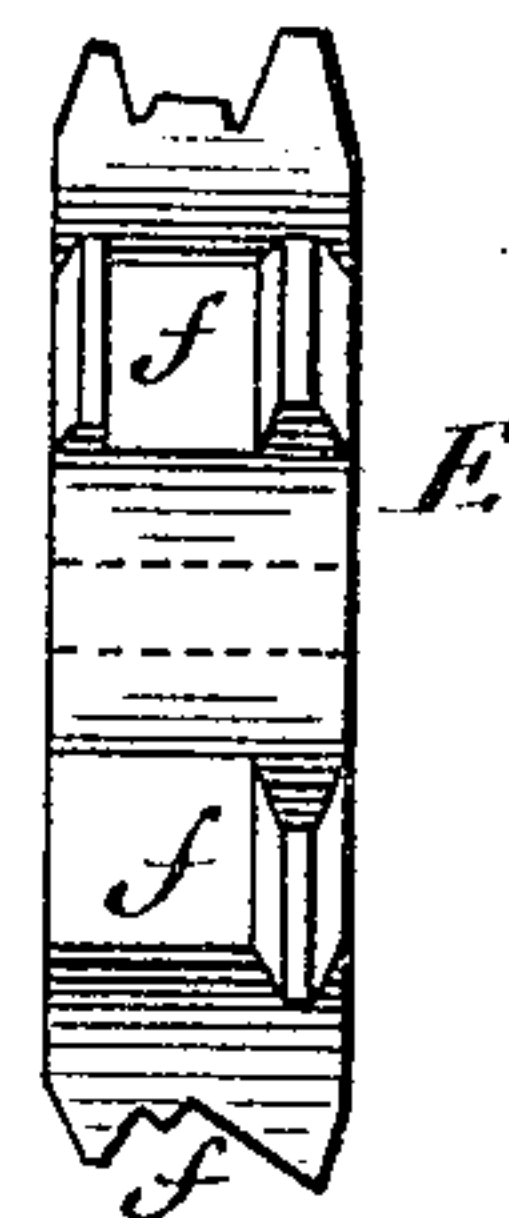


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

HENRY P. ROBERTS, OF JAMESTOWN, N. Y., ASSIGNOR OF THREE-FOURTHS
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EDGE-IRON AND HANDLE.

SPECIFICATION forming part of Letters Patent No. 249,096, dated November 1, 1881.

Application filed June 1, 1881. (No model.)

To all whom it may concern:

Be it known that I, HENRY P. ROBERTS, a citizen of the United States, residing at Jamestown, in the county of Chautauqua and State of New York, have invented certain new and useful Improvements in Edge-Irons and Handles therefor; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

The object of this invention is to combine in a single tool such an assortment of edge-irons that the user will have constantly at hand an iron to suit any part of the edges of a boot or shoe sole, or of the soles of several boots or shoes, without being under the necessity of laying down one tool to hunt up another, which occupies, as is well known, a considerable time when tools are lost or misplaced, as they frequently are; and it has a further object to give a considerable weight to the lower part of the edge-tool, so that it will be conveniently balanced when in use, and at the same time to economize material by forming the metal used in giving the weight into a series of edge-irons of various forms, either of which may be used by making an easy adjustment without varying the general position of the weight or affecting the balancing of the tool.

In the accompanying drawings, Figure 1 is a side view of an edge-tool constructed according to my invention. Fig. 2 is an edge view of the handle, pivot-pin, and holding-screw separated from each other. Fig. 3 is an edge view of the hub from which the edge-irons project.

The letter A indicates the handle, consisting of a metallic frame, *a*, surrounding a wooden center piece, *b*, the whole being formed in convenient shape to be held in the hand for use. The lower edge of the frame has projecting from it longitudinally two hangers, C, and two

lateral projecting curved guard-pieces, D. Between the two hangers C is centrally pivoted a metallic hub, E, from which project radially the several edge-irons *f*, the faces of which are variously configured for use in treating the edges of soles and different parts of soles of various styles of boots and shoes. A removable pivot-pin, *g*, supports the hub between the hangers. At a suitable distance from its center the hub has formed in one of its flat faces a concentric row of slight indentations, *h*, to receive the tip of a holding-screw, *I*, which is adapted to pass through a hole tapped in one of the hangers, and to hold the hub firmly when either of the edge-irons desired is brought into use.

By loosening the screw *I* the hub may be turned freely, in order that either of the edge-irons may be selected and brought into position.

It is obvious that such a tool will effect a great saving of that portion of an artisan's time which has to be wasted in hunting up lost and misplaced tools when required for use, as by the present improvement he may have constantly at hand, and know exactly where to find, an edge-iron of a character to suit any of a large lot of various kinds of boots and shoes which he may be finishing. The metal necessary in forming the hub and various edge-irons has also the additional function of assisting to weight the lower end of the tool, so that it will be conveniently balanced when in use. Such tools, as is well known, are frequently weighted at the lower edge with metal, the main function of the weight being to balance the tool and assist in the use thereof. The guard-pieces D span the upper edge-irons, while allowing them to freely pass, and these guard-pieces prevent the hand from coming in contact with these irons, while allowing it to be placed low on the tool, in order to take a firm gripe thereof, with proper leverage for efficient work.

Instead of forming the handle of a metallic frame surrounding the wooden center piece, the guard-pieces D may have projecting up-

wardly from them a metallic socket of a length indicated by the dotted lines *k* in the drawings, and into this socket may be inserted a properly-shaped handle formed entirely of wood.

The guard-piece I prefer to make of such bulk as to assist in properly weighting the lower ends of the tool.

Having now fully described my invention, what I claim is—

1. The combination, in an edge-tool, of a hub having projecting radially therefrom a series of edge-irons of differently-configured faces, a handle provided with hangers or projections pivotally supporting said hub and provided with guard-pieces curving in oppo-

site directions partially around said series of irons, and suitable means for holding the hub in a fixed position, substantially as and for the purpose set forth.

2. In an edge-tool, the combination, with the hub *E*, provided with the radially-projecting edge-irons *f*, of the handle *A*, having the hangers *C*, through which pass the pivot-pin supporting said hub, and the holding-screw *I*, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY P. ROBERTS.

Witnesses:

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